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PATENT
PD030040**Listing and Amendments to the Claims**

This listing of claims will replace all previous versions and listings of claims in this application:

1. **(Currently Amended)** A method for decoding a menu data segment ~~read from a removable storage medium~~, the method comprising the steps of
 - detecting, within the menu data segment, data corresponding to a plurality of menu buttons-items belonging to a menu page;
 - extracting from the menu data segment for each button-menu item of the plurality of menu buttons-items at least first data defining whether the button-menu item is selectable and second data defining whether the button-menu item has graphic representation data associated;
 - decoding data corresponding to first menu buttons-items to selectable display data, wherein the first buttons are menu buttons-items and have graphic representation data associated;
 - decoding data corresponding to second menu buttons-items to non-selectable display data, wherein the second menu buttons-items have graphic representation data associated; and
 - decoding data corresponding to third menu buttons-items to selectable and invisible menu elements, wherein the third menu buttons-items have no associated graphic representation data ~~stored within said menu data segment~~, and wherein the third menu buttons-items are menu buttons that are automatically activated upon selection.
2. **(Currently Amended)** Apparatus for decoding a menu data segment ~~read from a removable storage medium~~, the apparatus comprising:
 - means for detecting, within the menu data segment, data corresponding to a plurality of menu buttons-items belonging to a menu page;

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- means for extracting from the menu data segment for each button menu item of the plurality of menu buttons items at least first data defining whether the button menu item is selectable and second data defining whether the button menu item has graphic representation data associated;
- means for decoding data corresponding to first menu buttons items to selectable display data, wherein the first menu buttons items are menu buttons and have graphic representation data associated and are selectable;
- means for decoding data corresponding to second menu buttons items to non-selectable display data, wherein the second menu buttons items have graphic representation data associated and are not selectable; and
- means for decoding data corresponding to third menu buttons items to selectable and invisible menu elements, wherein the third menu buttons items have no associated graphic representation data stored within said menu data segment, and wherein the third menu buttons items are menu buttons that are automatically activated upon selection.

3. **(Currently Amended)** Method or apparatus according to claim 1, wherein the menu data segment defines a multi-page menu, and wherein the first menu buttons items are not displayed for at least one, but not for every menu page of the multi-page menu, and the menu data segment includes data defining for each menu page which of the first menu buttons is to be rendered visible on the display.

4. **(Currently Amended)** Method or apparatus according to claim 1, wherein a button first menu item may have one of the states unselected, selected or activated, and wherein the second data extracted for each of the buttons menu items enables defining that a button menu item has graphic representation data for only one of said states associated and stored within said menu data segment, but not for another of said states.

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5. **(Currently Amended)** Method of apparatus according to claim 1, wherein sound data are associated to a state of a menu button, the sound data and the menu data segment being read from the same removable storage medium and being played back upon entry of the button into the associated state.

6. **(Currently Amended)** Method of apparatus according to claim 1, wherein the menu controls playback of audio-visual data stored on said removable the same storage medium as the menu data segment.

7. **(New)** Method according to claim 1, wherein at least the data corresponding to said first and second menu items have the same data structure within said menu page.

8. **(New)** Method according to claim 1, wherein the first and the second menu items have associated display positions and need not overlap.

9. **(New)** Apparatus for decoding according to claim 2, wherein the menu data segment defines a multi-page menu and the first menu buttons are displayed for at least one, but not every page of the multi-page menu, and wherein the menu data segment includes data defining for each menu page which of the first menu buttons is to be rendered visible on the display.

10. **(New)** Apparatus for decoding according to claim 2, wherein a menu button may have one of the states unselected, selected or activated, further comprising means for determining, based on the second data, for each of the states of a menu button individually whether or not it has graphic representation data associated.

11. **(New)** Apparatus for decoding according to claim 2, further comprising
- means for decoding for the selectable display data of the first menu items associated display positions, and

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- means for decoding for the non-selectable display data of the second menu items associated display positions, wherein the display positions of the first and second menu items need not overlap.

12. (New) Apparatus for decoding according to claim 2, wherein sound data are associated to a state of a menu button, the sound data being played back upon entry of the button into the associated state and being read from the same storage medium as the menu data segment.